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I do hereby certify that this correspondence is being transmitted via facsimile, to the Commissioner for Patents, Examiner, Nicole A. Coy, facsimile no. (571) 273-8300, on this September 23, 2006.

Margaret A. Pruitt

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Krueger et al. Group Art Unit: 3672

99999**9** Examiner: Nicole A. Coy SERIAL NO.: 10/796,256

FILED: March 9, 2004 Atty. Docket: 414-35025-US

Confirmation No.: 2388 TITLE: "Apparatus and Method of Controlling Motion and Vibration of an

NMR Sensor in a Drilling BHA"

MS: AF Commissioner for Patents

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RESPONSE TO THE ADVISORY ACTION DATED AUGUST 31, 2006

This is in response to the Office Action, dated August 31, 2006 for the aboveidentified patent application.

Amendments to the Claims begin at page 2.

Remarks begin at page 7.

The Conclusions begins on page 8.

414-35025-US(ROA of 08.31.06)